Guide to Abbreviations

Annex Annex

APP = Appendix

B = Benton County Plan and Procedures

BP = Basic Plan

CEMP = Washington State Comprehensive Emergency Management Plan

DO = Emergency Management Division Duty Officer Procedures

DOH = Department of Health Procedures

EOP = Emergency Management Division Emergency Operations Plan

ESF = CEMP Emergency Support Function

F = Franklin County Plan and Procedures

FIG = Figure

LO = Licensee Only (Not required for offsite response organizations)

WSDA = Washington State Department of Agriculture Procedures

Letter followed by number = Subparagraph within a section

Roman Numerals = Sections in BP or Annexes

EXAMPLE: "BP-IV-C" = "Basic Plan, Section IV, Subparagraph C."

Planr	Planning Standards and Evaluation Criteria Plan Reference Procedure				
A.	Assignment of Responsibility				
1a.	Identify state local, federal, and private response organizations for EPZs.	BP-page 1, VII; Annex B-page 1; APP 2	N/A		
1b.	Concept of operations, and relationship to total effort.	BP-IV & V; Annex B-IV & V	N/A		
1c.	Organizational interrelationship block diagram.	BP-FIG 2, 3	N/A		
1d.	Individual in charge of emergency response.	BP-IV-A 2	N/A		
1e.	24-hour emergency response and manning of communication links.	BP-VII-H-1-d; CEMP-ESF-2, Appx 1	EOP; A3-6; A-8; A-11, A-12; A-21; Annex F; D53-71		
2a.	Functions and responsibilities for major elements and key individuals by title, of emergency response. Summary table showing primary and support responsibilities.	BP-VI, VII & Fig 1; Annex B-VI	N/A		
2b	Legal basis for organizational authorities.	BP-II-A	N/A		
3.	Support information, e.g., MOUs, MOAs, etc.	BP-I-E-3 APP 2	N/A		
4.	Individual and organization responsible for assuring continuity of resources to support 24-hour operations.	BP-VII-H-1-d;	EOP; A3-6; A-8; A-11, A-12; A-21; Annex F A- 11; A-20; D- 169 D171- 203		
B.	Onsite Emergency Organization	LO			
C.	Emergency Response Support and Resources				

Planni	ng Standards and Evaluation Criteria	Plan Reference	EMD Procedure		
1a.	Specific persons by title authorized to request federal assistance.	BP-VII-F-11; BP- VII-H-1-c; VII-C- 7	N/A		
1b.	Federal resources expected, including times of arrival.	BP-VII-V-Z, AA, AB, AE, Annex B-APP 1; DOH (see Appx F, cross ref.)	N/A		
1c.	Licensee, state, and local resources available to support the federal response.	BP-I-D; Annex B-III & IV BP- APP 2; DOH (see Appx F, cross ref.); B (see Section 10, cross ref.); F (see Section IX, cross ref.)	N/A		
2a.	Dispatch of offsite representatives to the EOF.	BP-IV-B-1; DOH (see Appx F, cross ref.)	N/A		
3.	Radiological laboratories, capabilities, and availability.	BP-VII-F-2g; BP- Annex B; DOH (see Appx F, cross ref.)	N/A		
4.	Assisting facilities, organizations, individuals, and supporting letters of agreement.	BP-I-E-3;BP-VII, APP 2; DOH (see Appx F, cross ref.); B (see Section 10, cross ref.); F (see Section IX, cross ref.)	N/A		
D. En	D. Emergency Classification System				
1. & 2.	Not required for offsite response organizations.	LO	N/A		
3.	ECL and EAL scheme consistent with licensee.	Annex A-APP 2;	N/A		

Plann	ing Standards and Evaluation Criteria	Plan Reference	EMD Procedure	
		Annex A-APP 6		
4.	Emergency action procedures consistent with emergency actions recommended by licensee.	Annex A; APP-2; DOH (see Appx F, cross ref.); B (see Section 10, cross ref.); F (see Section IX, cross ref.); WSDA (see Annex F, cross ref.)	DO; C-4, C- 6; C-7; C- 18; C-20; G- 25	
E.	Notification Methods and Procedures			
1.	Organizational notification procedures, to include means of verification of messages.	BP-IV-A-1; Annex B-IV-C-2;	DO; C4; C18; G-25	
2.	Procedures for alerting, notifying, and mobilizing emergency response personnel.	BP-IV-C-3; BP- V;	DO; C-4, C- 6; C-7; c- 17;C-18; C- 20; G-21; G-25	
3. & 4.	Not required for offsite response organizations.	LO	N/A	
5.	System to disseminate public information, including EAS.	BP-V-A-5-g; B; F; Annex A-IV- A-4	DO; C-4A; G-21; G-25	
6.	Plume EPZ notification means and times.	Annex A-IV-A; B; F; Annex B- IV-C3;	N/A	
7.	Draft messages giving the public instructions with regard to protective actions.	APP 2; IV. E. 1; IV. F. 1; CEMP; ESF-2; B (see Section 10, cross ref.); F (see Section IX, cross ref.);	N/A	
F.				

Dlene	Planning Standards and Evaluation Critoria			
Piann	ing Standards and Evaluation Criteria	Plan Reference	Procedure	
1a.	24-hour per day notification and activation of state/local emergency response network—minimum of telephone and alternate, including 24-hour per day manning of communication links to initiate emergency response actions.	BP-IV-B-1-c; BP-VII-H-1-d; CEMP; Annex B-VII-F; ESF-2 App 1; B (see Section 10, cross ref.); F (see Section IX, cross ref.);	DO; C-4; G- 1; G-4; G-5; G-6; G-7; G-21; G-25	
1b.	Provision for communications with contiguous state/local governments within the EPZs.	BP-IV-B-1-c; BP-IV-C-1 & 2	DO; C-4	
1c.	Provision for communications with federal EROs.	ESF-2;	EOP; A-11; A-20; D-169 D171-203	
1d.	Provision for communications with licensee and EOF, state and local EOCs, and radiological monitoring teams.	BP-IV-B-1; Annex B-IV C; Annex B-V-A-3; Annex B-VII-I; ESF-2; DOH (see Appx F, cross ref.)	EOP; A3-6; A-8; A-11, A-12; A-21; Annex F A- 11; A-20; D- 169 D171- 203	
1e.	Provision for alerting or activating emergency personnel in each ERO.	BP-V-A & Fig 4;	DO, C-4; EOP; A3-6; A-8; A-11, A-12; A-21; Annex F	
1f.	Not required for offsite response organizations.	LO	N/A	
2.	Coordinated communications link for fixed and mobile medical support facilities.	B (see Section 10, cross ref.); F (see Section IX, cross ref.);	N/A	
3.	Periodic testing of the entire emergency communications system.	Annex D-IV-C	N/A	
G.	Public Education and Information			

Plann	ing Standards and Evaluation Criteria	Plan Reference	EMD Procedure
1.	Periodic (at least annually) dissemination of information to the public regarding notification and emergency actions.	BP-IV.1; BP- Annex B-V1.B.1; BP Annex C- IV.B; Annex C-IV-B; CEMP- APP 2-Tab A-V- A-7	N/A
2.	Plume exposure EPZ annual information for permanent and transient populations.	PB-Annex-APP 7	N/A
3a.	Points-of-contact and location for emergency media use.	CEMP, APP 2 BP-IV.B.1.f	N/A
3b.	Not required for offsite response organizations.	LO	N/A
4a.	Designated spokesperson with access to all necessary infomation	BP-V-A-1-e; Annex A.IV.A-4; CEMP, APP 2	N/A
4b.	Arrangements for timely exchange of information among designated spokespersons.	BP-V-A-1-e; Annex A.IV.A-4; CEMP, APP 2	N/A
4c.	Coordinated rumor control.	BP-V-A-1-e; BP- V-A-5.g; -e; Annex A.IV.A-4; CEMP, APP 2	N/A
5.	Annual media orientation.	CEMP, APP 2	N/A
Н.	Emergency Facilities and Equipment		
1. & 2.	Not required for offsite response organizations.	LO	N/A
3.	EOC for directing and controlling response functions.	BP-IV-B1-c; BP- VII-H-1a; Annex B-VII-F;	EOP;A17; D5-51
4.	Timely activation and staffing of facilities and centers.	Annex B-VII-F; B (see Section 10, cross ref.); F (see Section IX, cross ref.);	EOP; A-3; A-11; A-21; C1-71

Plann	ing Standards and Evaluation Criteria	Plan Reference	EMD Procedure
5. & 6.	Not required for offsite response organizations.	LO	N/A
7.	Offsite radiological monitoring equipment near facility.	DOH (see Appx F, cross ref.); B (see Section 10, cross ref.); F (see Section IX, cross ref.);	N/A
8. & 9.	Not required for offsite response organizations.	LO	N/A
10.	Inspect, inventory, and operationally check emergency equipment/instruments at least once each calendar quarter and after each use.	DOH (see Appx F, cross ref.); B (see Section 10, cross ref.); F (see Section IX, cross ref.);	N/A
11.	Appendix identifying category of emergency kits.	DOH (see Appx F, cross ref.); B (see Section 10, cross ref.); F (see Section IX, cross ref.);	N/A
12.	Central point for receipt and analysis of all field monitoring data and coordination of sample media.	DOH (see Appx F, cross ref.);	N/A
I.	Accident Assessment		
16.	Not required for offsite response organizations.	LO	N/A
7.	Capability and resources for field monitoring within the plume exposure EPZ.	DOH (see Appx F, cross ref.);	N/A
8.	Methods, equipment and expertise to make rapid assessments of radiological hazards through liquid or gaseous release pathways.	DOH (see Appx F, cross ref.);	N/A
9.	Capability to detect and measure radioiodine in air in the plume exposure EPZ.	DOH (see Appx F, cross ref.);	N/A

Planni	ng Standards and Evaluation Criteria	Plan Reference	EMD Procedure
10.	Establish means for relating measured parameters to dose rates for key isotopes and gross radioactivity measurements.	DOH (see Appx F, cross ref.);	N/A
11.	Arrangements to locate and track the airborne radioactive plume using either federal and/or state resources.	DOH (see Appx F, cross ref.);	N/A
J.	Protective Response		
1.	Not required for offsite response organizations.	LO	N/A
2.	Evacuation routes and transportation for onsite personnel to offsite locations, including alternatives for inclement weather, high traffic density, and specific radiological conditions.	BP-VII-N-10, 12, O-10, 12; Y-4; W; Annex A- Appendix 5; B; F	N/A
38.	Not required for offsite response organizations.	LO	N/A
9.	Implementation of protective measures based on PAGs, PARs, PADs, and other criteria.	Annex B-V-A1 DOH (see Appx F, cross ref.); B (see Section 10, cross ref.); F (see Section IX, cross ref.);	EOP; D5-51
10.	Plans to implement protective measures for the plume exposure pathway EPZ include:	BP-A-22	N/A
	Maps showing evacuation routes, evacuation areas, selected radiological sampling and monitoring points, EWACs, and shelter areas.	BP-Annex A- Appendix 5; DOH (see Appx F, cross ref.); B (see Section 10, cross ref.); F (see Section IX, cross ref.)	N/A
	b. Maps showing population distribution around facility, by evacuation areas.	BP-Annex A- Appendix 5; B (see Section 10, cross ref.); F	N/A

Planning S	Standards and Evaluation Criteria	Plan Reference	EMD Procedure
		(see Section IX, cross ref.)	
C.	Means for notifying all segments of the transient and resident population.	Annex B-IV-C3, Annex B-VII-M; B (see Section 10, cross ref.); F (see Section IX, cross ref.)	N/A
d.	Means for protecting those persons whose mobility may be impaired due to such factors as institutional or other confinement.	Annex B-IV-C3; B (see Section 10, cross ref.); F (see Section IX, cross ref.)	N/A
e.	Provision for use of radioprotective drugs for emergency workers and institutionalized persons within the plume exposure EPZ – including quantities, storage, and means of distribution.	Annex B-II-D; Annex B-IV.C.3 Annex B-V-A-2; DOH (see Appx F, cross ref.);	N/A
f.	Decision process by State Health Officer for administering radioprotective drugs to the general population, and the conditions for use of such drugs by offsite emergency workers.	Annex B-II-D; Annex B-V-A-2; DOH (see Appx F, cross ref.);	N/A
g.	Means of relocation.	B (see Section 10, cross ref.); F (see Section IX, cross ref.)	N/A
h.	Relocation centers - at least five miles, and preferably 10 miles beyond boundaries of plume exposure EPZ.	Annex B-VII-G; B (see Section 10, cross ref.); F (see Section IX, cross ref.)	N/A
i.	Projected traffic capabilities of evacuation routes under emergency conditions.	B (see Section 10, cross ref.); F (see Section IX, cross ref.)	N/A

Planni	ng Standards and Evaluation Criteria	Plan Reference	EMD Procedure
	j. Access control to evacuated areas and organization responsibilities for such control.	B (see Section 10, cross ref.); F (see Section IX, cross ref.)	N/A
	k. Identification of, and means for, dealing with potential impediments (e.g., seasonal impassibility of roads) to use of evacuation routes and contingency measures.	B (see Section 10, cross ref.); F (see Section IX, cross ref.)	N/A
	I. Time estimates for evacuation of various sectors and distances for the plume exposure EPZ.	B (see Section 10, cross ref.); F (see Section IX, cross ref.)	N/A
	m. Bases for choice of PARs for plume exposure pathway during emergency conditions.	DOH (see Appx F, cross ref.);	N/A
11.	Ingestion exposure pathway protective measures.	BP-V-B-1-e; Annex B-V-B; Annex C; DOH (see Appx F, cross ref.); WSDA (see Annex F, cross ref.)	N/A
12.	Registration and monitoring of evacuees at EWACs.	Annex B-VII-G; DOH (see Appx F, cross ref.); B (see Section 10, cross ref.); F (see Section IX, cross ref.)	N/A
K.	Radiological Exposure Control		
12.	Not required for offsite response organizations.	LO	N/A
3a.	Provisions for 24-hour-per-day dose determination for emergency personnel – distribution of dosimeters.	Annex B-VI-A; DOH (see Appx F, cross ref.);	N/A

Planni	ng Standards and Evaluation Criteria	Plan Reference	EMD Procedure
3b.	Ensure dosimeters are read at appropriate frequencies and maintain dose records for emergency workers.	Annex B-VI-A; DOH (see Appx F, cross ref.);	N/A
4.	Decision chain authorizing emergency workers to incur exposures in excess of PAGs.	Annex B-VI-A-5; DOH (see Appx F, cross ref.);	N/A
5a.	Action levels for determining need for decontamination.	Annex B-VII-G- 3; DOH (see Appx F, cross ref.);	N/A
5b.	Means for radiological decontamination of emergency personnel wounds, supplies, instruments and equipment, and for waste disposal.	Annex B-VII-E; APP 2; DOH (see Appx F, cross ref.);	N/A
67.	Not required for offsite response organizations.	LO	N/A
L.	Medical and Public Health Support		
1.	Local and backup hospital and medical services to evaluate radiation exposure and uptake.	Annex B-VII-E; APP 2; B (see Section 10, cross ref.); F (see Section IX, cross ref.)	N/A
2.	Not required for offsite response organizations.	LO	N/A
3.	List of hospitals and other emergency medical services facilities capable of providing medical support for contaminated and injured individuals.	Annex B-VII-E; APP 2; B (see Section 10, cross ref.); F (see Section IX, cross ref.)	N/A
4.	Arrange for transport of victims of radiological accidents to medical support facilities.	B (see Section 10, cross ref.); F (see Section IX, cross ref.)	N/A
M.	Recovery and Reentry Planning and Post-Accide	nt Operations	

Appendix 4 4-11 Change 5, August 2004

Planni	Planning Standards and Evaluation Criteria Plan Reference			
- iaiiii			Procedure	
1.	Plans and procedures for reentry and recovery and decision process for relaxing protective measures.	BP-V-B,C, VII-F; ESF-21	N/A	
2.	Not required for offsite response organizations.	LO	N/A	
3.	Means for informing members of response organizations a recovery operation is to be initiated, and of changes in organizational structure.	BP-IV-A-3; Annex A-IV-A-4; ESF-21	N/A	
4.	Method for periodically estimating total population exposure.	DOH (see Appx F, cross ref.);	N/A	
N.	Exercises and Drills			
1a.	Emergency Preparedness exercises shall simulate an emergency resulting in offsite radiological releases requiring response by offsite response organizations.	Annex D-IV-D-1- a	N/A	
1b.	Exercise shall mobilize state and local resources adequate to verify response capability. Provide for critiques of exercise by federal and state evaluators/ observers. Complete six-year exercise cycle.	Annex D-IV-D-1- a	N/A	
2a.	Communication Drills shall be conducted monthly, with state and local governments in plume exposure pathway EPZ; quarterly, with federal and states in ingestion pathway EPZ; annually, with nuclear facility, state and local EOCs, and field assessment teams. Drills shall also include aspect of understanding the content of messages.	Annex D-IV-C-2- a; DOH (see Appx F, cross ref.);	DO: C-4	
2b.	Not required for offsite response organizations.	LO	N/A	
2c.	Medical Emergency Drills shall be conducted annually.	Annex D-IV-C-2- b; DOH (see Appx F, cross ref.); B (see Section 10,	N/A	

Planni	ing Standards and Evaluation Criteria	Plan Reference	EMD Procedure
		cross ref.); F (see Section IX, cross ref.)	
2d.	Radiological Monitoring Drills shall be conducted annually for onsite and offsite organizations.	Annex D-IV-C-2- c; DOH (see Appx F, cross ref.);	N/A
2e.	Health Physics Drills shall be conducted semi- annually.	Annex D-IV-D-2- d; DOH (see Appx F, cross ref.);	N/A
3.	Exercise scenarios will include, but not be limited to:	Annex D-IV-D	N/A
	Objectives and evaluation criteria for drills and exercises.	Annex D-IV-D	N/A
	b. Dates, time period, places, and participating organizations.	Annex D-IV- D.1.b	N/A
	c. Simulated events.	Annex D-IV-D	N/A
	d. Time schedule of real and simulated initiating events.	Annex D-IV-D	N/A
	e. Narrative summary of activities.	Annex D-IV-D	N/A
	f. Description of arrangements for and advance materials to be provided to official observers.	Annex D-IV- D.1.c	N/A
4.	Official observers from federal, state, or local governments will observe, evaluate, and critique the required exercises.	Annex D-IV-D	N/A
5.	Means for evaluating observer and participant comments on areas needing improvement. Management control needed to ensure corrective actions are implemented.	Annex D-IV-D-1I	N/A
0.	Radiological Emergency Response Training		

Appendix 4 4-13 Change 5, August 2004

Plann	ng Standards and Evaluation Criteria	Plan Reference	EMD Procedure
1.	Appropriate people will be trained.	Annex D-IV-B	N/A
1a.	Not required for offsite response organizations.	LO	N/A
1b.	Each offsite ORO shall participate and receive training.	Annex D-IV-B	N/A
23.	Not required for offsite response organizations.	LO	N/A
4.	Instruct and qualify personnel to implement REP plans. Specialized initial and periodic retraining programs shall be provided in following categories:	Annex D-IV-B	N/A
	a. Directors or coordinators of ERO.	Annex D-IV-B	N/A
	b. Accident assessors.	Annex D-IV-B; DOH (see Appx F, cross ref.);	N/A
	c. Radiological monitoring teams and radiological analysts.	Annex D-IV-B; DOH (see Appx F, cross ref.);	N/A
	d. Police, security, and firefighting personnel.	Annex D-IV-B	N/A
	e. Not required for offsite response organizations.	LO	N/A
	f. Fist aid and rescue personnel.	Annex D-IV-B; B (see Section 10, cross ref.); F (see Section IX, cross ref.)	N/A
	f. Local support services personnel including emergency services.	Annex D-IV-B; B (see Section 10, cross ref.); F (see Section IX, cross ref.)	N/A
	h. Medical support personnel.	Annex D-IV-B	N/A
	Not required for offsite response organizations.	LO	N/A

Planning Standards and Evaluation Criteria		Plan Reference	EMD Procedure
	j. Personnel responsible for transmission of emergency information and instructors.	Annex D-IV-B	N/A
5.	Initial and annual retraining of personnel with emergency response responsibilities.	BP, APP 4Annex D-IV-B	N/A
P.	Responsibility for the Planning Effort: Developm Distribution of Emergency Plans	ent, Periodic Revie	ew and
1.	Train persons responsible for the planning effort.	BP-VII-H-1-a	N/A
2.	Identify by title the individual with overall authority and responsibility for radiological emergency response planning.	BP-VII-H-1-b	N/A
3.	Designate an Emergency Planning Coordinator with responsibility for the development and updating of emergency plans and coordinating these plans with other response organizations.	BP-VII-H-1-f	N/A
4.	Update plans and agreements as needed, review and certify to be current on an annual basis.	BP-I-E, VII-H-1-f	N/A
5.	Forward emergency response plans and changes to all organizations and appropriate individuals with responsibility for implementing the plans. Date and mark revised pages.	BP-I-E-2; APP 5	N/A
6.	Include list of supporting plans and their source.	BP APP 3	N/A
7.	Include, as an appendix, a listing of procedures required to implement the plan.	BP APP3, Appendix 6-11- C.1	N/A
8.	Include a table of contents and a cross-reference to the requirements of NUREG-0654 as an appendix.	BP, APP 4	N/A
10.	Update emergency telephone numbers at least quarterly.	BP-I-E	N/A